

Storm Data and Unusual Weather Phenomena - March 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KENTUCKY, Northeast				
(KY-Z101) GREENUP, (KY-Z102) CARTER, (KY-Z103) BOYD				
	03/07/08 23:00 EST		0	Winter Storm
	03/08/08 17:00 EST		0	
A cold rain fell during the daylight hours on the 7th. A lull in the storm occurred that evening. As temperatures began to drop slowly, freezing rain developed late at night, changing to snow before dawn on the 8th. The snow ended by the evening on the 8th. Snow totals of 3 to 6 inches accumulated in 12 hours. The snow fell on top of a quarter inch of ice, that had accumulated earlier from the freezing rain.				
OHIO, Southeast				
ATHENS COUNTY --- 1.3 NNW DOANVILLE [39.45, -82.21], 1.4 S PLANTSVILLE [39.43, -81.87], 0.4 NE COOLVILLE [39.22, -81.89], 0.6 NW ALBANY [39.24, -82.21]				
	03/04/08 09:30 EST	2K		Flood (due to Heavy Rain)
	03/06/08 08:00 EST	0		Source: Law Enforcement
Small streams flooded roads by mid morning on the 4th. Federal Creek, Hewett Fork, Hamily Run and Greens Run were some of the streams. Later, the Hocking River at Athens crested at 20.3 feet early on the 6th, just over the 20 foot flood stage.				
MORGAN COUNTY --- 3.3 WNW DURANT [39.77, -81.98], 1.7 NNE BRISTOL [39.72, -81.71], 0.9 SSW STOCKPORT BLD EGL AR [39.54, -81.79], 1.4 SSE ROSSEAU [39.55, -81.94]				
	03/04/08 10:15 EST	1K		Flood (due to Heavy Rain)
	03/04/08 13:00 EST	0		Source: Law Enforcement
Small streams, such as Meigs Creek, flooded roads.				
PERRY COUNTY --- 0.9 E THORNVILLE [39.90, -82.40], 1.6 NE MT PERRY [39.90, -82.20], 1.3 E MC CUNEVILLE [39.63, -82.21], 0.8 SW CROSSENVILLE [39.67, -82.36]				
	03/04/08 10:15 EST	2K		Flood (due to Heavy Rain)
	03/04/08 13:00 EST	0		Source: Law Enforcement
Small streams, such as Jonathan Creek, flooded and blocked roads.				
GALLIA COUNTY --- 1.4 SSW HANERSVILLE [38.81, -82.23], 2.0 S KYGER [38.95, -82.15], 0.7 SW CHESHIRE [38.94, -82.11], 1.3 N ADDISON [38.90, -82.15], 1.0 N KANAUGA [38.84, -82.15], 0.9 S GALLIPOLIS [38.81, -82.20]				
	03/06/08 12:00 EST	1K		Flood (due to Heavy Rain)
	03/08/08 02:00 EST	0		Source: Law Enforcement
Minor backwater flooding was seen along the Ohio River. The river gauge on the West Virginia side crested at 41.3 at Point Pleasant. Flood stage is 40 feet.				
MEIGS COUNTY --- 1.8 WSW MIDDLEPORT [38.99, -82.08], 1.2 NNE BRADBURY [39.04, -82.06], 1.5 ENE POMEROY [39.04, -82.00], 0.5 ENE POMEROY [39.03, -82.02]				
	03/06/08 12:00 EST	0		Flood (due to Heavy Rain)
	03/08/08 02:00 EST	0		Source: Law Enforcement
Minor backwater flooding was seen along the Ohio River. The river gauge at Point Pleasant in West Virginia crested at 41.3 feet early on the 7th. Flood stage is 40 feet.				
Rains of 1.5 to 2 inches fell in about 12 hours, as a low pressure system lifted northeast toward the eastern Ohio Valley. The wet soils and lack of vegetation caused strong rises on streams and rivers. Flooding was restricted to roads. No evacuations or damage to dwellings were reported.				
(OH-Z066) PERRY, (OH-Z083) JACKSON, (OH-Z084) VINTON				
	03/07/08 08:00 EST	0		Heavy Snow
	03/08/08 18:00 EST	0		
(OH-Z067) MORGAN, (OH-Z075) ATHENS, (OH-Z076) WASHINGTON, (OH-Z085) MEIGS				

Storm Data and Unusual Weather Phenomena - March 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(OH-Z067) MORGAN, (OH-Z075) ATHENS, (OH-Z076) WASHINGTON, (OH-Z085) MEIGS				
	03/07/08 08:00 EST		0	Winter Storm
	03/08/08 18:00 EST		0	
<p>The second major storm in less than a week affected southeast Ohio. A low pressure system lifted north from Georgia on Friday the 7th, through the Smoky Mountains that night, then into the mountainous counties of West Virginia by dawn on the 8th.</p> <p>Southeast Ohio was in the transition zone. Heavier snow fell to the west, while rain and lighter snow occurred to the east.</p> <p>There were several phases to the storm. Wet snow, rain, and freezing rain overspread southeast Ohio during the day on the 7th from the south. A prolonged lull in the precipitation occurred that evening, with just some spotty light snow and freezing rain. This lull started to break down after midnight with snow, sleet, and freezing rain redeveloping. Another lull occurred during late morning hours. The enhanced snow that had been falling over western portions of Ohio finally started to swing east during the early afternoon on the 8th, increasing the snow showers for the final phase. The snow showers then decreased by nightfall that Saturday evening, the 8th.</p> <p>Five to 10 inches of snow were common across Jackson, Vinton, Perry, and Morgan Counties, plus western portions of Athens and Meigs Counties. Further east, in Washington County and eastern portions of Meigs and Athens Counties, only 2 to 4 inches of snow fell over a quarter inch of ice from freezing rain.</p>				
MORGAN COUNTY --- 2.3 ENE DEAVERTOWN [39.75, -81.99], 1.8 E ROWLAND [39.75, -81.75], 0.2 E MILL GROVE [39.60, -81.72], 1.4 NE RINGGOLD [39.60, -81.96]				
	03/19/08 09:00 EST		5K	Flood (due to Heavy Rain)
	03/20/08 12:00 EST		0	Source: Law Enforcement
PERRY COUNTY --- 0.7 ESE THORNVILLE [39.90, -82.41], 1.1 WNW MT PERRY [39.89, -82.24], 1.3 NNW MC LUNEY [39.75, -82.11], 0.7 WNW CORNING [39.60, -82.09], 1.0 ESE MAXVILLE [39.61, -82.31]				
	03/19/08 09:00 EST		5K	Flood (due to Heavy Rain)
	03/19/08 18:00 EST		0	Source: Law Enforcement
JACKSON COUNTY --- 4.7 W LEO [39.14, -82.76], 1.7 ESE WELLINGTON [39.11, -82.50], 0.8 NE HITCHCOCK [38.91, -82.57], 1.2 ENE MABEE CORNER [38.91, -82.70]				
	03/19/08 13:00 EST		10K	Flood (due to Heavy Rain)
	03/19/08 22:00 EST		0	Source: Law Enforcement
VINTON COUNTY --- 1.3 ENE EAGLE MILLS [39.34, -82.68], 1.0 N HOPE [39.34, -82.35], 0.5 ENE RADCLIFF [39.13, -82.37], 1.0 NE HAMDEN [39.16, -82.52]				
	03/19/08 13:00 EST		10K	Flood (due to Heavy Rain)
	03/19/08 18:00 EST		0	Source: Law Enforcement
ATHENS COUNTY --- 0.9 NW EAST CLAYTON [39.46, -82.26], 0.3 N LATHROP [39.42, -81.92], 0.1 NW LOTTRIDGE [39.23, -81.90], 0.5 W ALBANY [39.23, -82.21]				
	03/19/08 14:00 EST		10K	Flood (due to Heavy Rain)
	03/21/08 03:00 EST		0	Source: Department of Highways
MEIGS COUNTY --- 1.1 WSW CARPENTER [39.17, -82.25], 1.2 W TUPPERS PLAINS [39.17, -81.87], 1.7 NW LONG BOTTOM ARPT [39.10, -81.79], 1.3 E BASHAN [39.05, -81.85], 0.8 SE SALEM CENTER [39.04, -82.27]				
	03/19/08 14:00 EST		5K	Flood (due to Heavy Rain)
	03/20/08 23:00 EST		0	Source: Trained Spotter
WASHINGTON COUNTY --- 1.3 NE HAYWARD [39.58, -81.65], 1.2 NNW SALEM HALL [39.58, -81.13], 1.7 NNW NEWELL RUN [39.40, -81.29], 0.6 NNE LAYMAN [39.41, -81.72]				
	03/19/08 17:00 EST		5K	Flood (due to Heavy Rain)
	03/20/08 15:00 EST		0	Source: Newspaper
GALLIA COUNTY --- 1.4 E EWINGTON [39.00, -82.32], 2.4 SW VINTON [38.95, -82.37]				
	03/19/08 22:00 EST	1	5K	Heavy Rain
	03/19/08 22:55 EST		0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - March 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A man drowned along a swollen Racoon Creek and a low spot along Route 325 near the village of Vinton. Otherwise, county officials reported no flooding.				

According to a state report, the driver drove partially into water covering the road, but then backed out. This was at night. The driver then pulled into a nearby driveway and asked the property owner if he thought he could make it through the water. The property owner told the driver that if he could see the edge lines, he should be okay. The driver then proceeded to drive into the water, where his pickup truck was caught by the current and swept downstream. The driver was able to get out of his truck. The property owner ran over to try to help, offering a long stick to the driver, telling him to swim toward it. The driver was unable to make it. His body was recovered a few hours later.

Direct Fatalities: M53VE

Rain spread into southeast Ohio near dawn on Tuesday, the 18th. A strong east to west warm front had set up across northern Kentucky. By late afternoon, rain amounts of 0.5 to 1.35 had already fallen, with the heaviest being over northern Jackson, Vinton, and Athens Counties. A lull occurred Tuesday evening, as the warm front and its rain shifted north. However, as the low pressure lifted northeast through the Ohio Valley, another 1 to 2 inches of rain fell on the 19th. Some preliminary rain totals over about a 36 hour period included, 3.5 inches at McArthur, 3.0 inches at New Lexington, 2.7 inches at Jackson, 2.6 inches at Salem Center, 2.3 inches at McConnelsville, 2.2 inches at Beverly, 2.1 inches at Athens, and 1.7 inches at Nelsonville. Storm totals were even higher further southwest, down the Ohio River Valley, where the moisture inflow was greater.

Luckily, southeast Ohio avoided a major flood event. Small stream flooding was widespread across Perry, Athens, Morgan, Vinton, Jackson, and Meigs Counties. A few streams, such as Duck Creek, also flooded in Washington County. Numerous roads were closed by high water, but no dwellings were damaged by flood waters. Several school districts closed schools on the 19th. County maintenance departments were kept busy clearing debris off of culverts and roads.

Later, the larger streams and rivers also saw minor flooding on the 19th into the 20th. The Muskingum River crested just over 12 feet at McConnelsville during the predawn hours of the 20th. Flood stage there is 11 feet. The Hocking River at Athens crested at 21.4 feet during the late evening of the 20th. Flood stage at Athens is 20 feet. The Shade River near Chester crested at 20 feet during the evening of the 20th. Bankfull is 17 feet near Chester.

WEST VIRGINIA, West

POCAHONTAS COUNTY --- 2.3 NE SLATY FORK [38.44, -80.10], 0.8 E BOYER [38.48, -79.79], 0.3 SE HUNTERSVILLE [38.18, -80.02], 3.4 SSW WOODROW [38.23, -80.18]

03/04/08 18:00 EST	2K	Flood (due to Heavy Rain)
03/05/08 07:00 EST	0	Source: Department of Highways

Small streams flooded roads. A small washout occurred along the road up to the ski resort at Snowshoe. The Greenbrier River crested near bankfull.

RANDOLPH COUNTY --- 1.0 E GILMAN [38.97, -79.81], 1.7 NE HARMAN [38.94, -79.51], 2.5 NNW OSCEOLA [38.75, -79.65], 2.1 ESE DAILEY [38.79, -79.84]

03/04/08 18:00 EST	1K	Flood (due to Heavy Rain)
03/05/08 03:00 EST	0	Source: Emergency Manager

Water was around several mobile homes along the Shavers Fork near Bowden. The Bowden gauge crested around 12.4 feet.

(WV-Z015) KANAWHA

03/04/08 18:24 EST	1K	Strong Wind (MAX 44 kt)
03/04/08 18:24 EST	0	

HARRISON COUNTY --- (CKB)BENEDUM ARPT CL [39.30, -80.23]

03/04/08 20:08 EST	5K	Thunderstorm Wind (MG 50 kt)
03/04/08 20:08 EST	0	Source: ASOS

A few trees fell across power lines in the vicinity.

MASON COUNTY --- 0.2 NW MASON [39.02, -82.03], 0.9 SSE HARTFORD CITY [38.99, -82.00], 0.9 E REDMOND [38.80, -82.11], 0.9 WSW HENDERSON [38.82, -82.15], 1.6 SW POINT PLEASANT ARPT [38.91, -82.12], 0.4 SW HALLWOOD [38.97, -82.09]

03/06/08 12:00 EST	2K	Flood (due to Heavy Rain)
03/08/08 02:00 EST	0	Source: Emergency Manager

Minor flooding of roads occurred. The Point Pleasant gauge on the Ohio River crested at 41.3 feet early on the 7th. Flood stage is 40 feet.

Storm Data and Unusual Weather Phenomena - March 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Another deepening low pressure system, during the winter of 2007-08, lifted northeast through West Virginia and the eastern Ohio Valley. Gusty showers and thunderstorms were associated with the wind shift in the wake of the storm center. Brief gusts of 40 to 50 mph were common across the western lowlands of West Virginia. A gust at the Clarksburg airport did reach 56 mph.

Rains of 2 to 2.5 inches were common along the eastern slopes of Pocahontas and eastern Randolph Counties in 12 to 24 hours. One spotter north of Marlinton reported a storm total of 2.7 inches. Creeks and headwater rivers flooded portions of roads. Later, the widespread rain caused the Ohio River to exceed flood stage at Point Pleasant.

KANAWHA COUNTY --- (CRW) YEAGER ARPT [38.37, -81.60]	03/19/08 17:31 EST		2K	Thunderstorm Wind (MG 73 kt)
	03/19/08 17:31 EST		0	Source: ASOS

KANAWHA COUNTY --- 1.1 E BIG CHIMNEY [38.40, -81.51], 1.0 SSE PINCH [38.41, -81.47]	03/19/08 17:42 EST		25K	Thunderstorm Wind (EG 61 kt)
	03/19/08 17:42 EST		0	Source: NWS Storm Survey

Several trees were blown down, some onto power lines.

KANAWHA COUNTY --- 1.6 ENE BLUE CREEK [38.46, -81.42], 1.6 ENE BLUE CREEK [38.46, -81.42]	03/19/08 17:43 EST		40K	Tornado (EF0, L: 0.20 mi , W: 50 yd)
	03/19/08 17:44 EST		0	Source: NWS Storm Survey

In Youngs Bottom a tornado downed several trees, caused structural damage to several structures, and rolled a camper into a telephone pole. A pontoon boat was lifted onto a fence.

KANAWHA COUNTY --- CLENDENIN [38.48, -81.35]	03/19/08 17:55 EST		0.13M	Thunderstorm Wind (EG 70 kt)
	03/19/08 17:55 EST		0	Source: NWS Storm Survey

Straight line wind damage caused more damage in Clendenin than other locations along the Elk River Valley.

BRAXTON COUNTY --- 1.0 NNE GASSAWAY [38.68, -80.76]	03/19/08 18:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	03/19/08 18:20 EST		0	Source: Law Enforcement

Trees fell and blocked roads.

BRAXTON COUNTY --- LITTLE BIRCH [38.58, -80.70]	03/19/08 18:23 EST		1K	Thunderstorm Wind (EG 52 kt)
	03/19/08 18:23 EST		0	Source: Law Enforcement

A bus, used as a house, was blown over.

BRAXTON COUNTY --- NAPIER [38.78, -80.58]	03/19/08 18:23 EST		2K	Thunderstorm Wind (EG 52 kt)
	03/19/08 18:23 EST		0	Source: Law Enforcement

Trees fell onto power lines along Route 19.

A low pressure system lifted northeast through West Virginia. A line of thunderstorms developed along the trailing cold front. The sharp temperature gradient, along this late winter front, produced a strong low level wind above the surface. A bow echo developed as the line of showers and thunderstorms moved through Charleston. A localized gust to 84 mph was recorded at Yeager Airport. This was the strongest gust on record for the airport. It knocked down and snapped a few trees on an adjacent hill in Coonskin Park. However, no damage was reported on the airport or around the city. At nearby Capital High School, there was no evidence of strong winds.

The bow echo then raced northeast along the Elk River Valley. An EF0 tornado spun up on a hillside in Youngs Bottom. Straight line winds of 70 to 100 mph were estimated into the Clendenin area. A garage along Sandy Creek in Clendenin saw its roof blown off and its back wall knocked down. No damage was reported from Clay County, but some minor damage did occur in Braxton County.